

Library of Target ID
Compounds

Library of Bioactive
Compounds

Use corresponding
activity-based probe to
identify the biological target

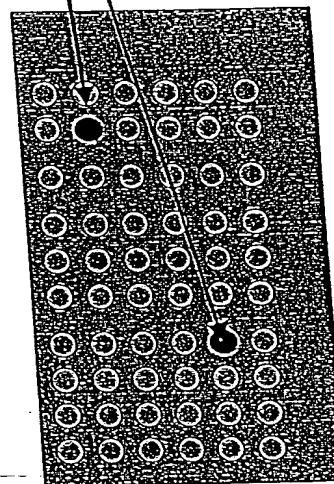
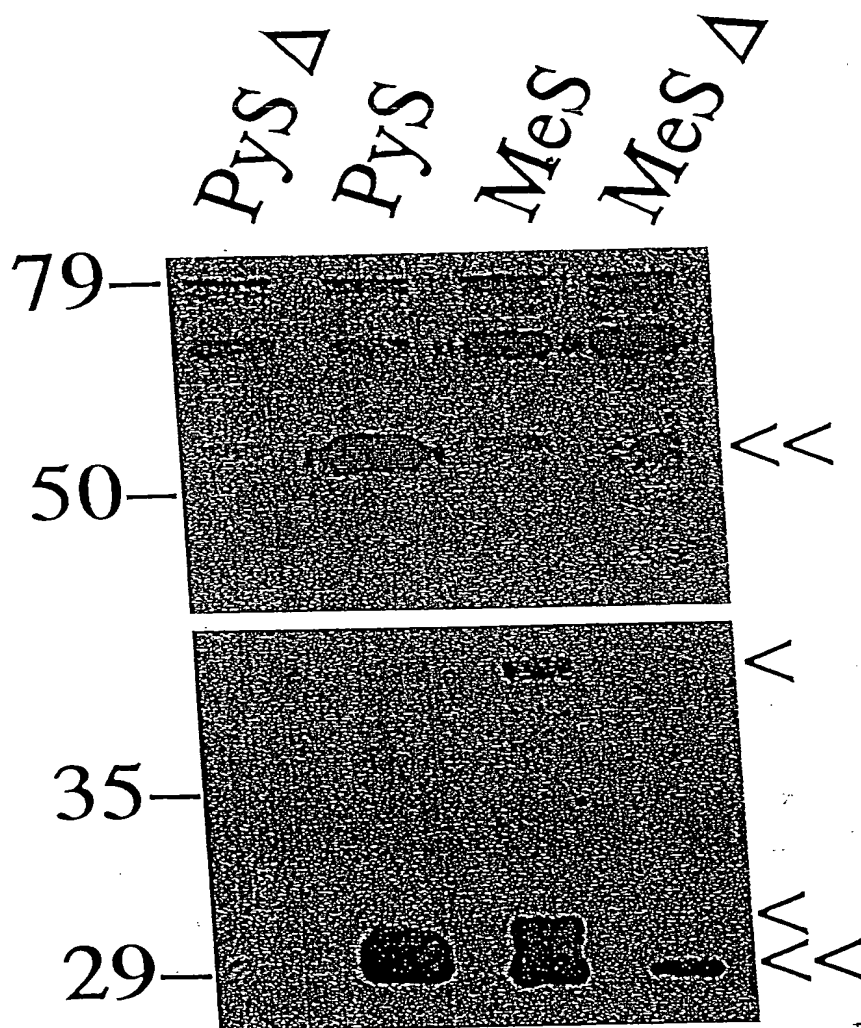


FIGURE 1

FIGURE 2



Non-Directed Tagged Library of Sulfonates Identifies Probe for ADH Superfamily of Enzymes

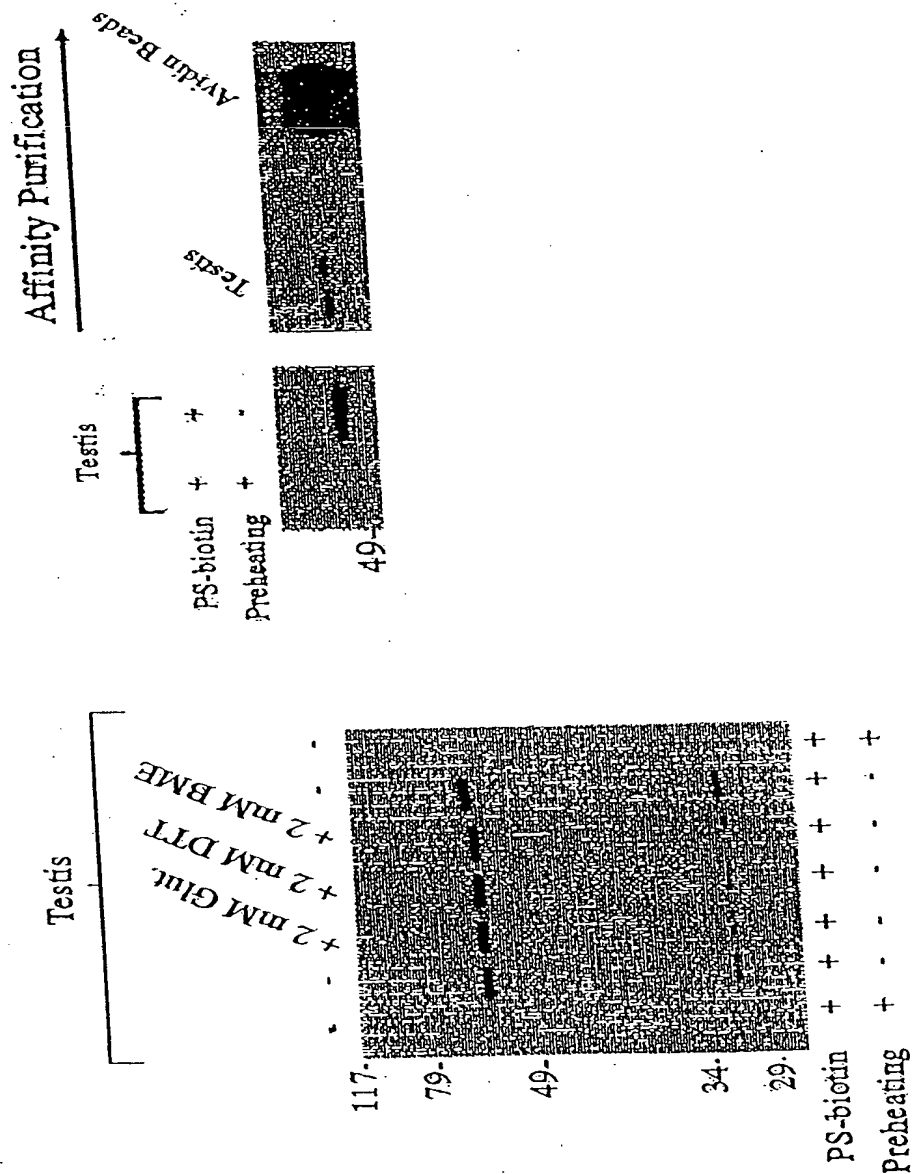
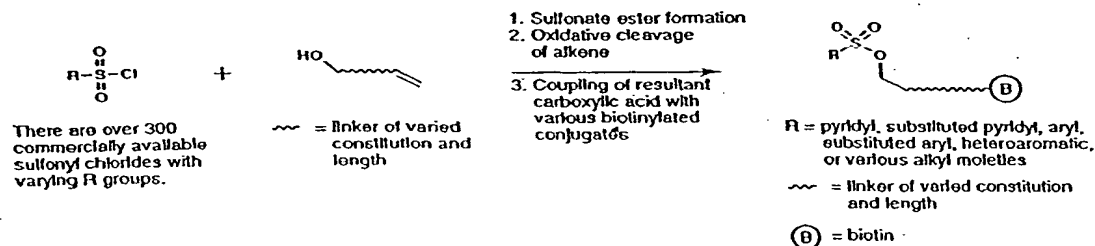
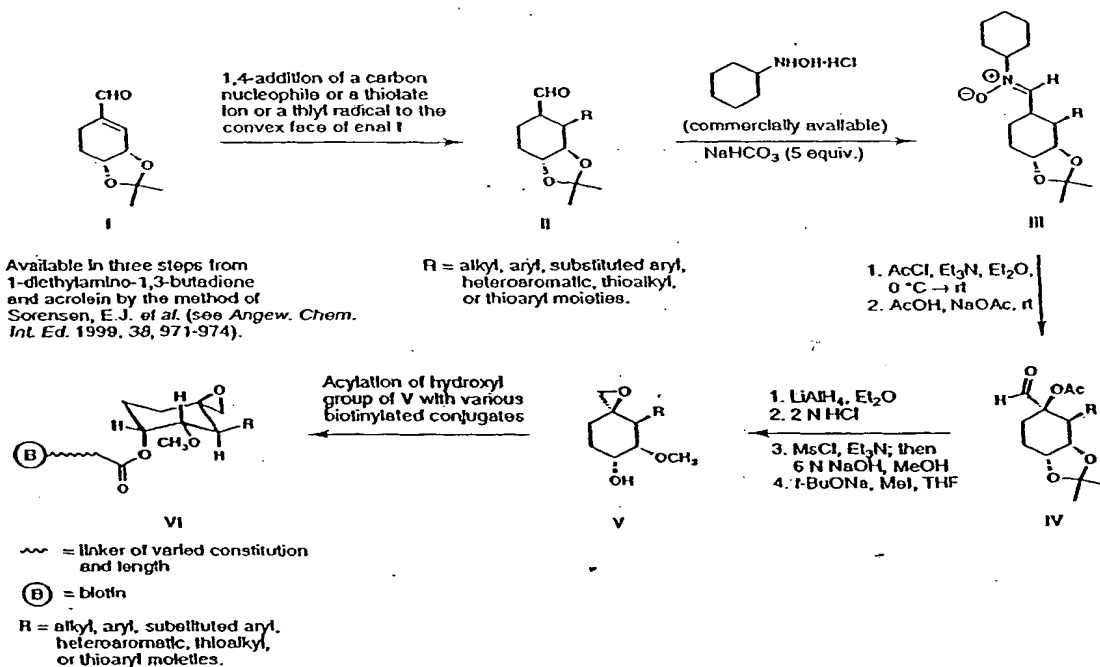


FIGURE 3

FIGURE 4



Scheme 1. A pathway for syntheses of various biotinylated sulfonate esters for use in activity-based proteomics studies.



FP-Biotin: a kinetic reporter of SH Activity

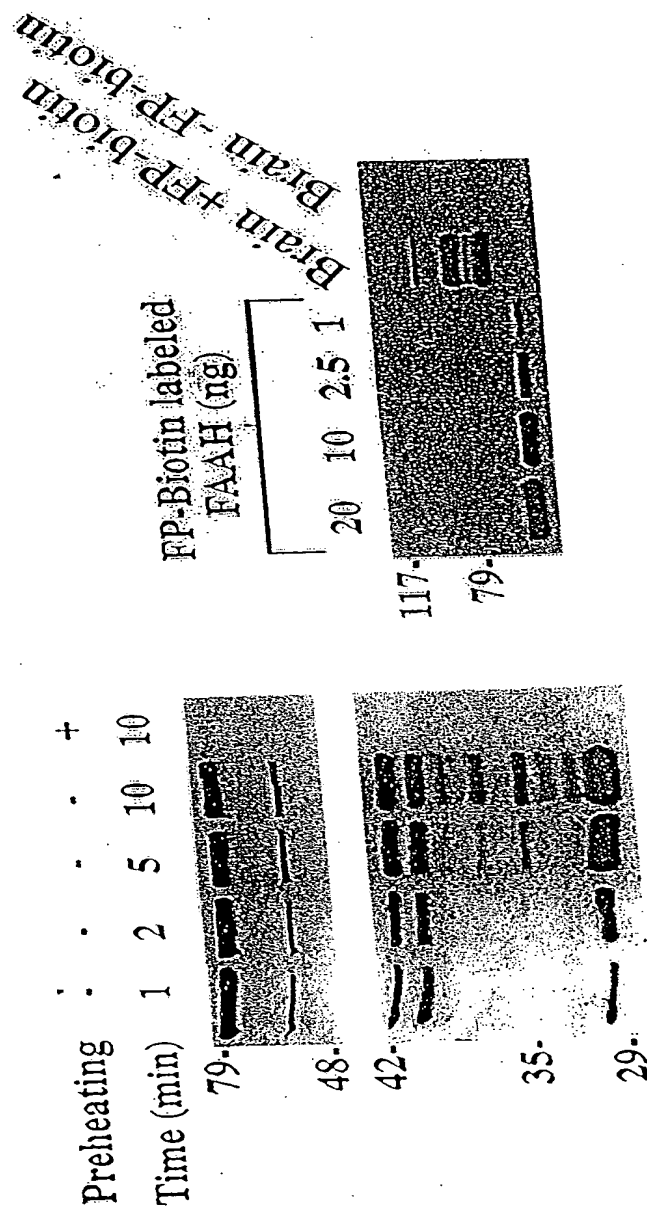


FIGURE 5

Utility of Multiplexed probes in identifying Serine Hydrolases

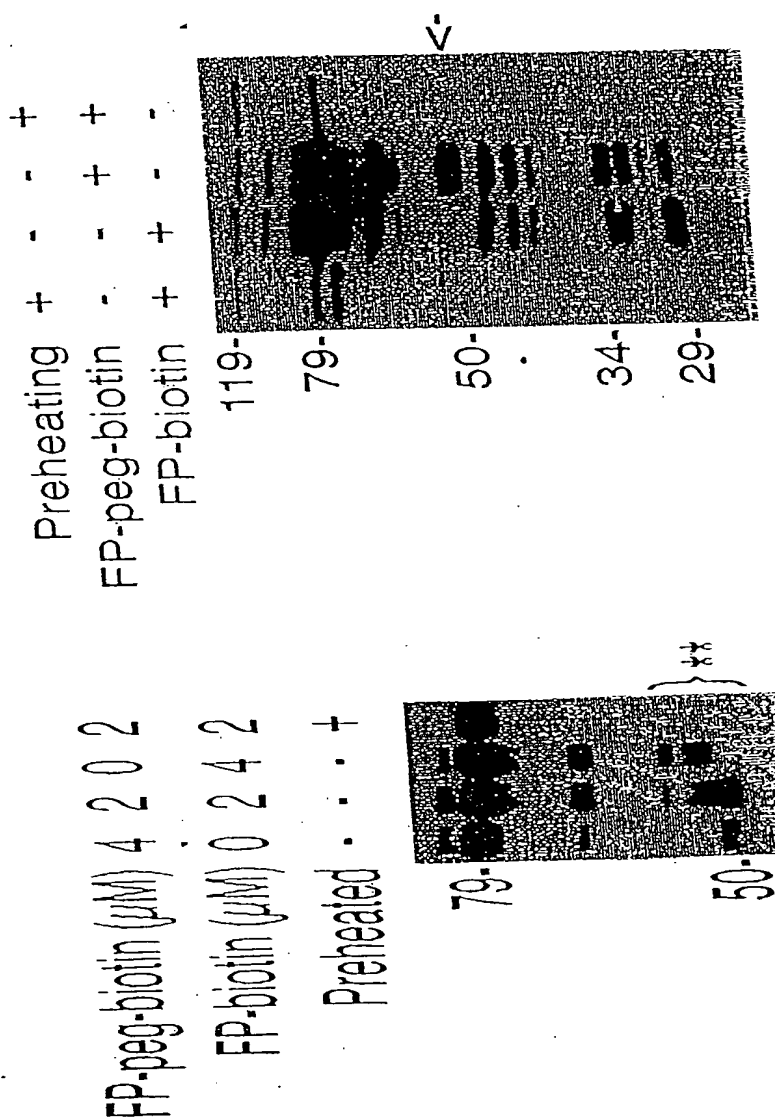


FIGURE 6

FIGURE 7

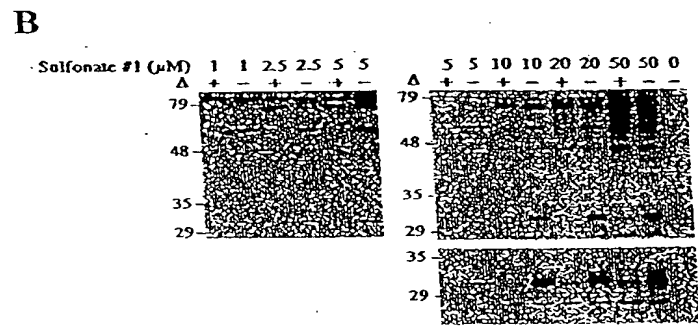
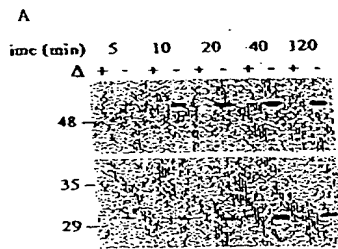
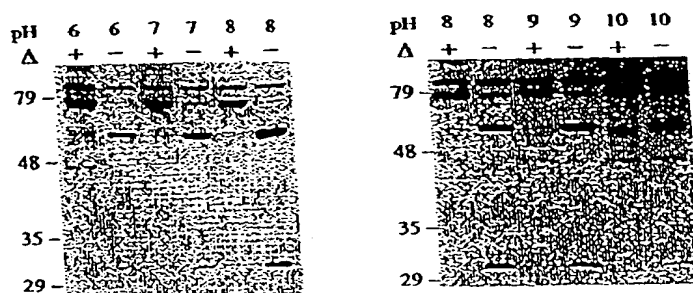


FIGURE 7

C



D

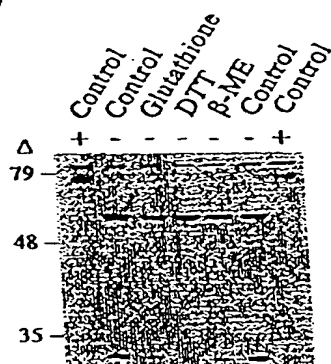
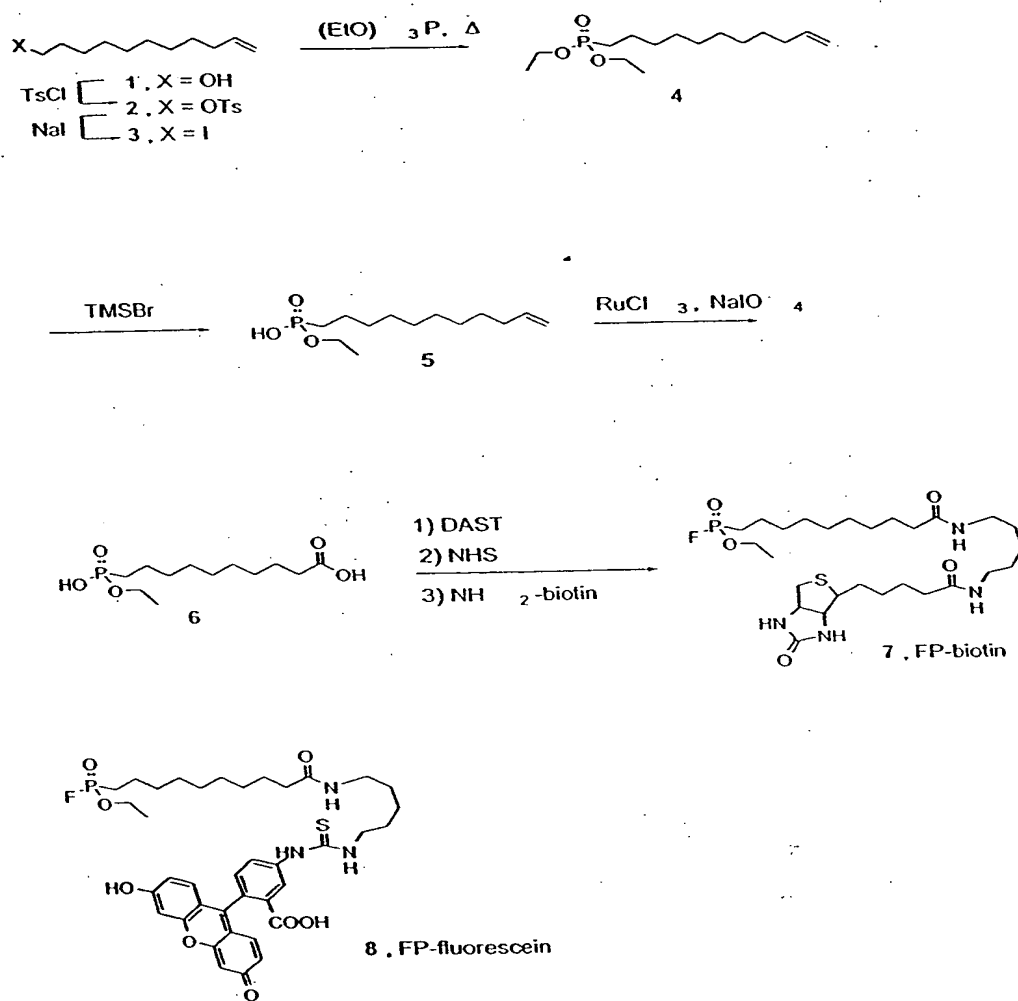


FIGURE 8



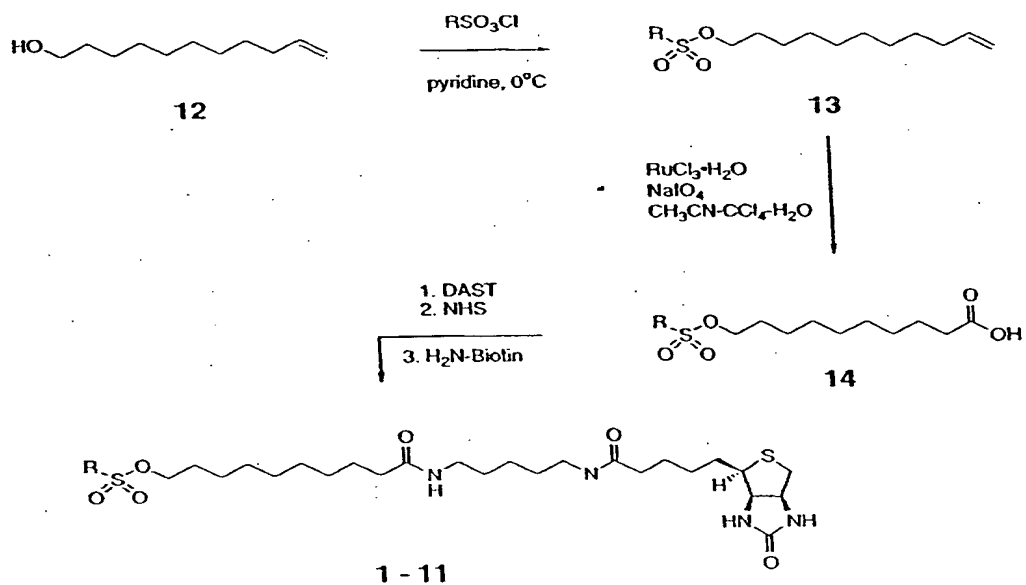
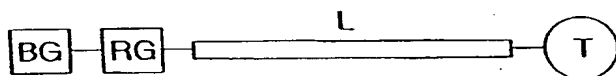
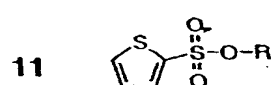
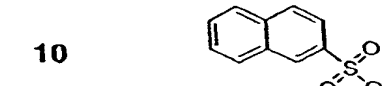
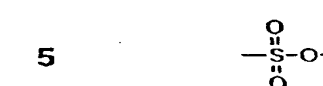
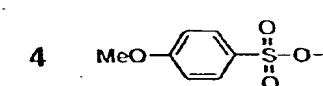
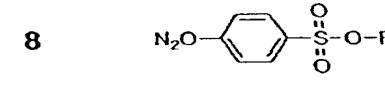
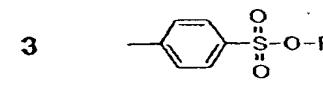
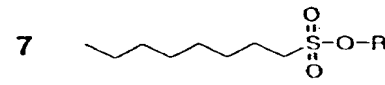
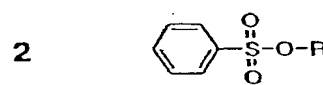
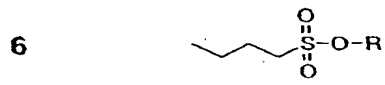
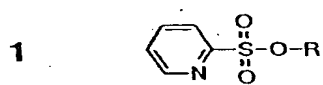
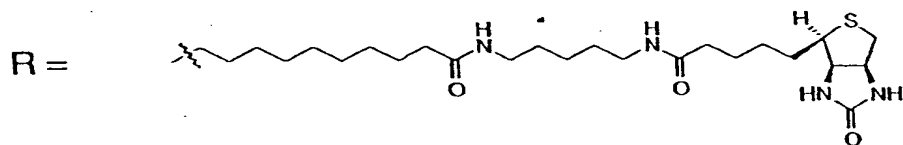


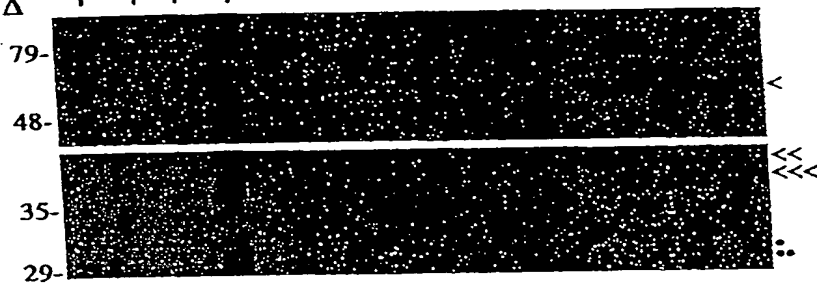
FIGURE 10

A.



B.



[illegible][illegible]

B

Sulfonate #	8	9	8	9	1	10	11	10	11
Δ	+	+	-	-	-	-	-	+	+

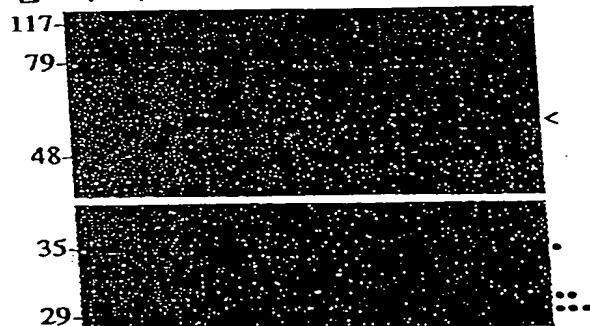
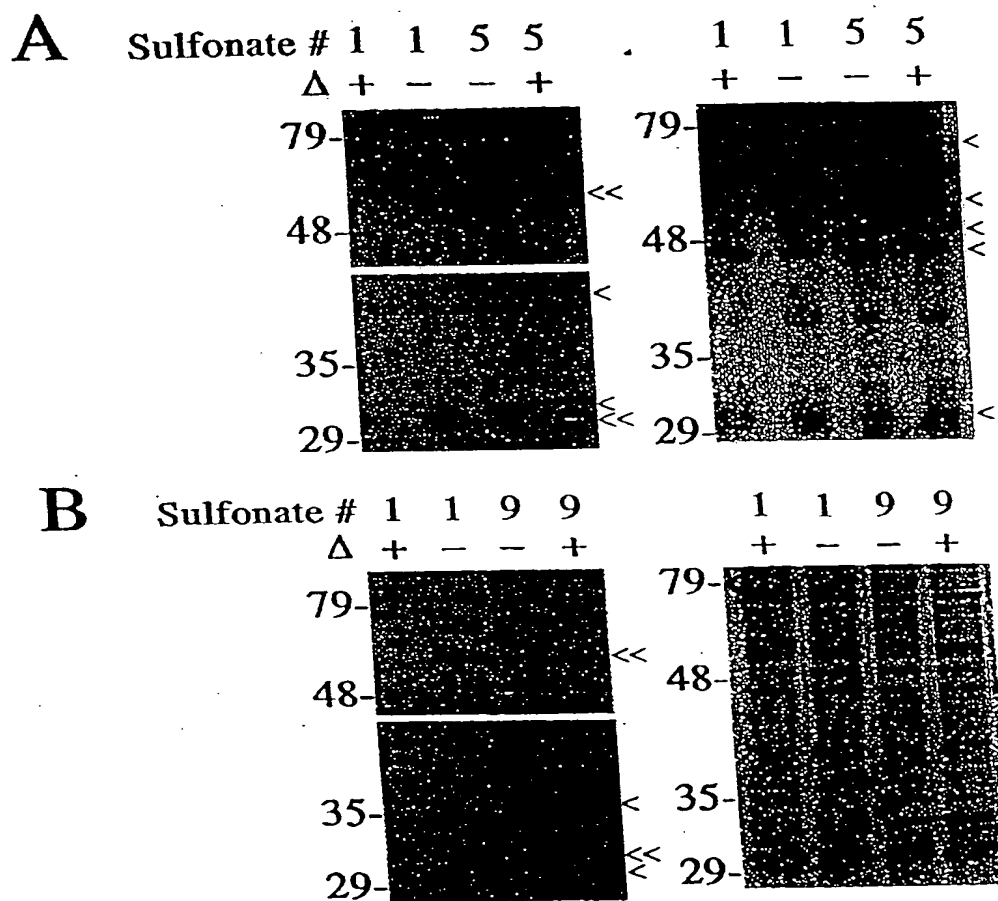
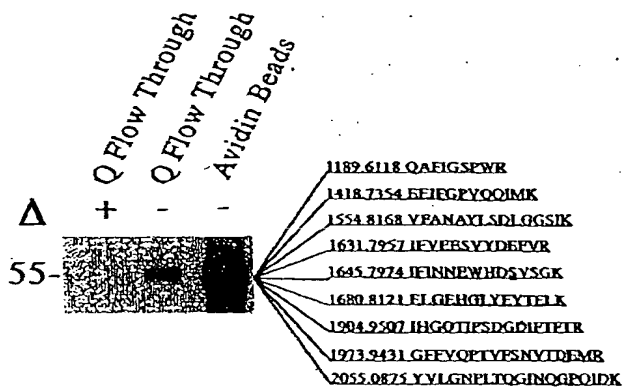


FIGURE 12

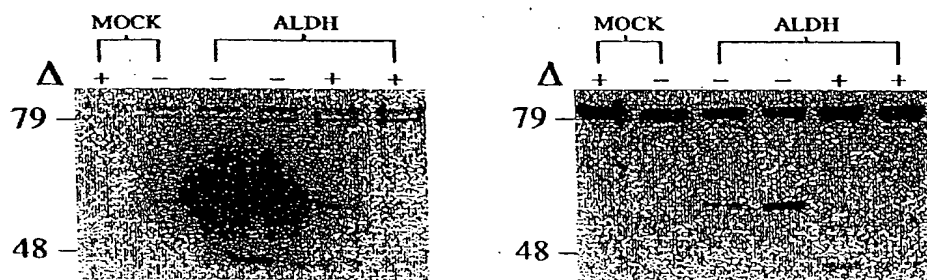


A

FIGURE 13



B



C

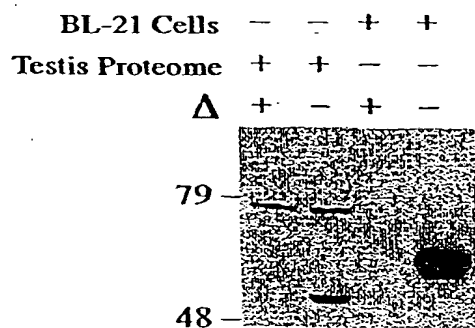
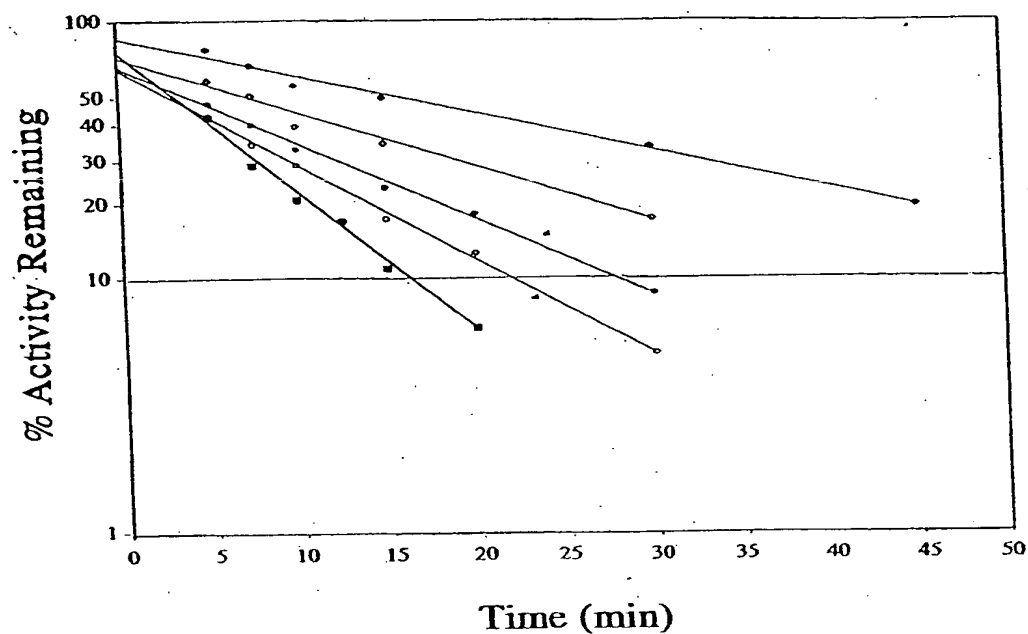


FIGURE 14

A



B

Competitor #	-	-	15	17	16	15	17	16
[Competitor (μ M)]	0	0	5	5	5	50	50	50
Δ	+	-	-	-	-	-	-	-

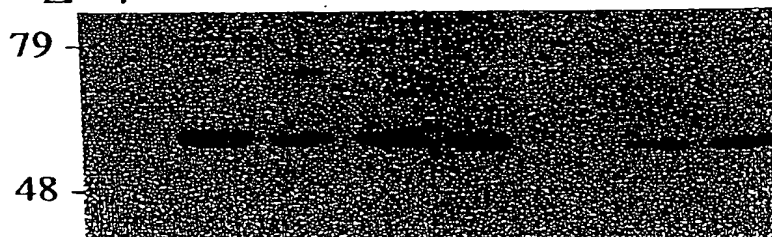
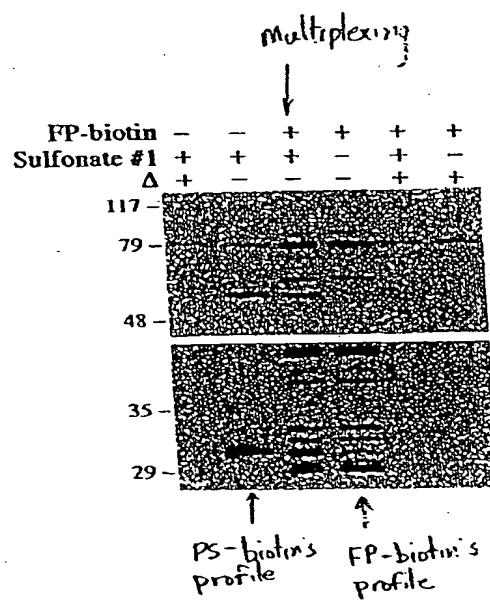


FIGURE 15



20250" 01190000

FIGURE 16

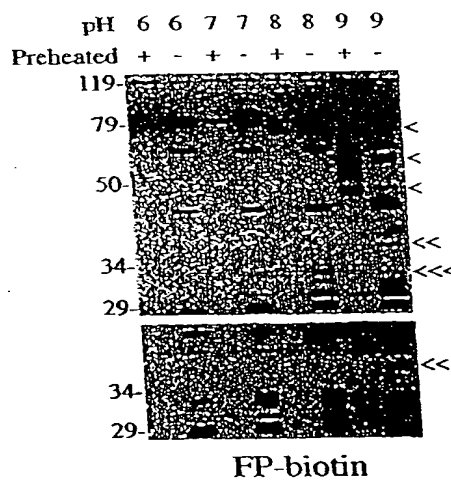
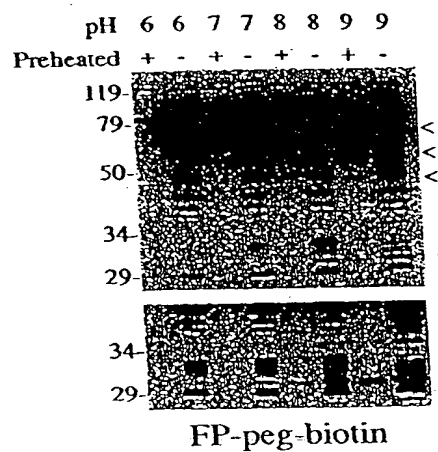


FIGURE 17

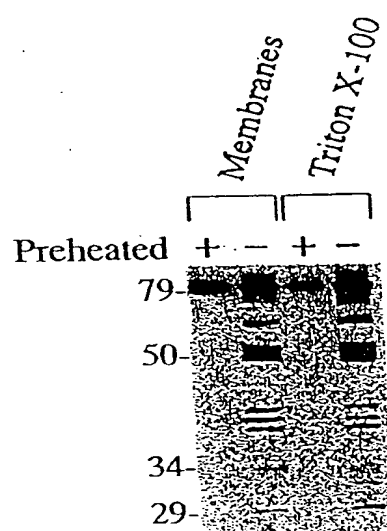
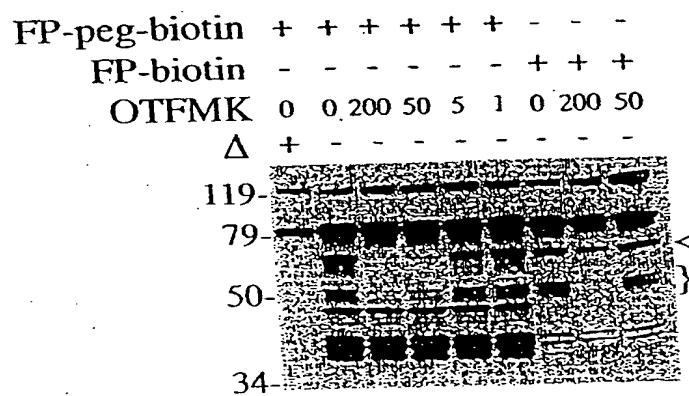


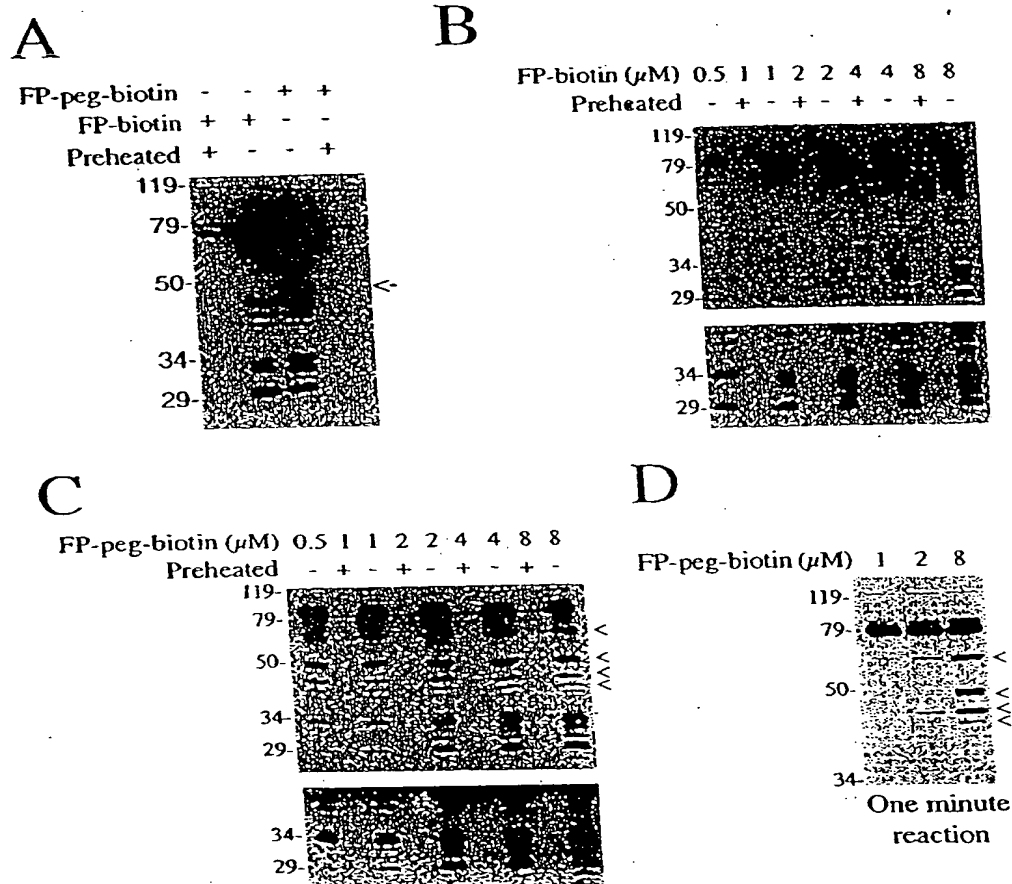
FIGURE 18



00020 5113500

[illegible]

FIGURE 20



00026449 072004

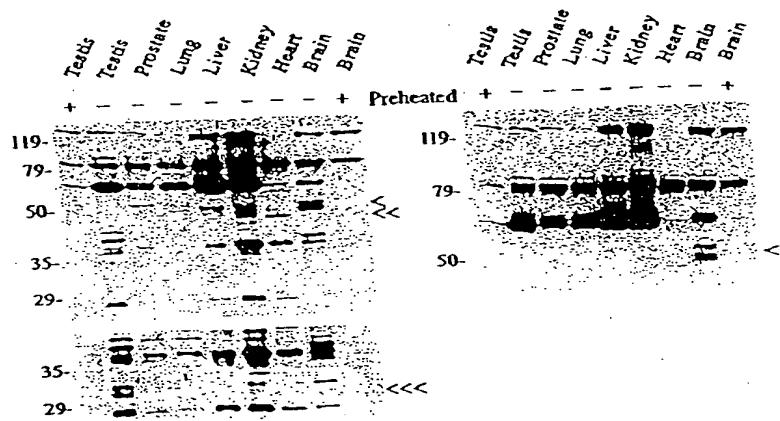
[illegible]

FIGURE 23

